

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE** **12 DEC 2005**

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Serial No.: TBA Group Art Unit: TBA

Filed: Herewith Examiner: TBA

For: FREQUENCY CONVERSION CIRCUIT FOR DIRECT CONVERSION RECEIVING, SEMICONDUCTOR INTEGRATED CIRCUIT THEREFOR, AND DIRECT CONVERSION RECEIVER

Customer No.: 27123

**INFORMATION DISCLOSURE STATEMENT**

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Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references ☒ are attached ☐ were filed in related application U.S. Serial No(s) \_\_\_\_\_, filed \_\_\_\_\_, respectively.

- ☐ This document is being filed within three (3) months of the filing date of the application
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Respectfully submitted,  
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Dated: December 12, 2005

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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE</b> <b>CITATION</b>		Attorney Docket No. 5000-5289		Serial No. <b>10/560310</b> To Be Assigned		
		Applicants: Takefumi NISHIMUTA; Hiroshi MIYAGI; Tadahiro OHMI; Shigetoshi SUGAWA; and Akinobu TERAMOTO				
		Filing Date: Herewith		Group Art Unit: To Be Assigned		
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	2002/0011612	January 31, 2002	Hieda	257	262	July 30, 2001
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	2001-119316	April 27, 2001	Japan	H 04 B	1 / 30	Accompanied by English abstract
	2002-110963	April 12, 2002	Japan	H 01 L	29 / 78	Accompanied by English abstract
	2002-118255	April 19, 2002	Japan	H 01 L	29 / 78	Accompanied by corresponding US Patent publication 2002/0011612
	2002-261097	September 13, 2002	Japan	H 01 L	21 / 318	Accompanied by corresponding EP Patent publication EP 1 347 506
	1 347 506	September 24, 2003	EPO	H 01 L	21 / 316	English translation
	2000-228611	August 15, 2000	Japan	H 03 D	7 / 14	Accompanied by English abstract
	2000-106577	April 11, 2000	Japan	H 04 L	27 / 22	Accompanied by English abstract
	04-154312	May 27, 1992	Japan	H 03 F	3 / 45	Accompanied by English abstract
<b>OTHER DOCUMENTS (Including Author, Title, Date, etc.)</b>						
Examiner			Date Considered			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						